

IN THE SPECIFICATION

Applicants request that the following paragraphs in the specification be amended as follows:

Please replace the paragraph starting on page 5, line 27 with the following:

Since the cooling water is temporarily used before the temperature controller 330 is again placed into operation, water at a temperature of about 18°C can continuously be supplied without a temperature controller in order to simplify the apparatus. Optionally, the cooling system can have a separate temperature controller 330 (not shown) for controlling the temperature of the cooling water so that it is maintained at a constant temperature in a manner similar to the coolant.

Please replace the paragraph starting on page 6, line 14 with the following:

Referring to FIG. 4 and FIG. 5, a first fluid passage 320 and a second fluid passage 340 are substantially coplanar to each other and are formed within the flange 200. The second fluid passage 340 is disposed within the confines of the first fluid passage 320. The first fluid passage 320 is ring-shaped. The coolant flow within passage 320, which is in communication with the overlying O-ring 170, cools the O-ring. The second fluid passage 340 is also ring-shaped. It is understood that the positions of the first and second fluid passages 320 and 340 are interchangeable.